

Fig. 1

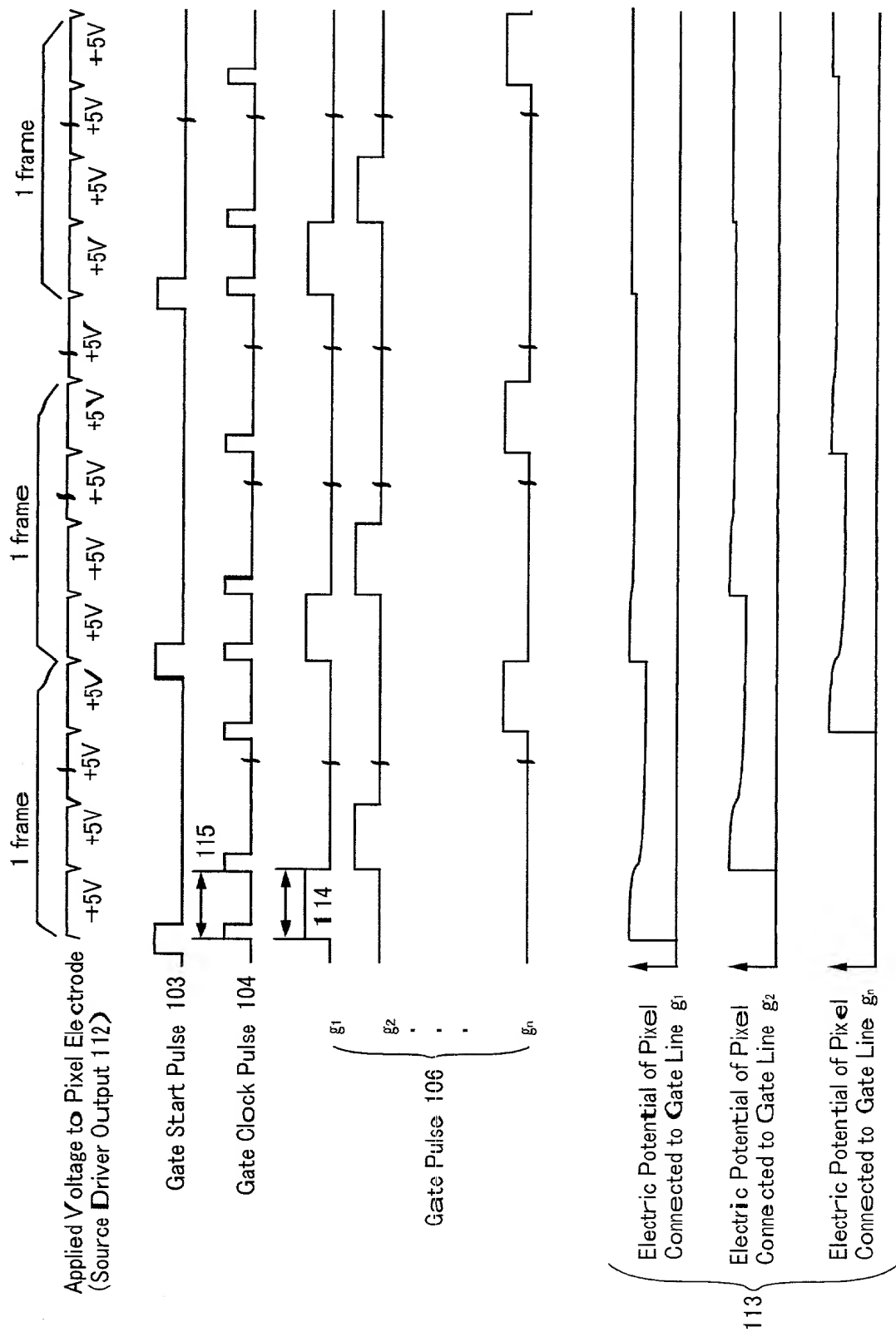


Fig. 2

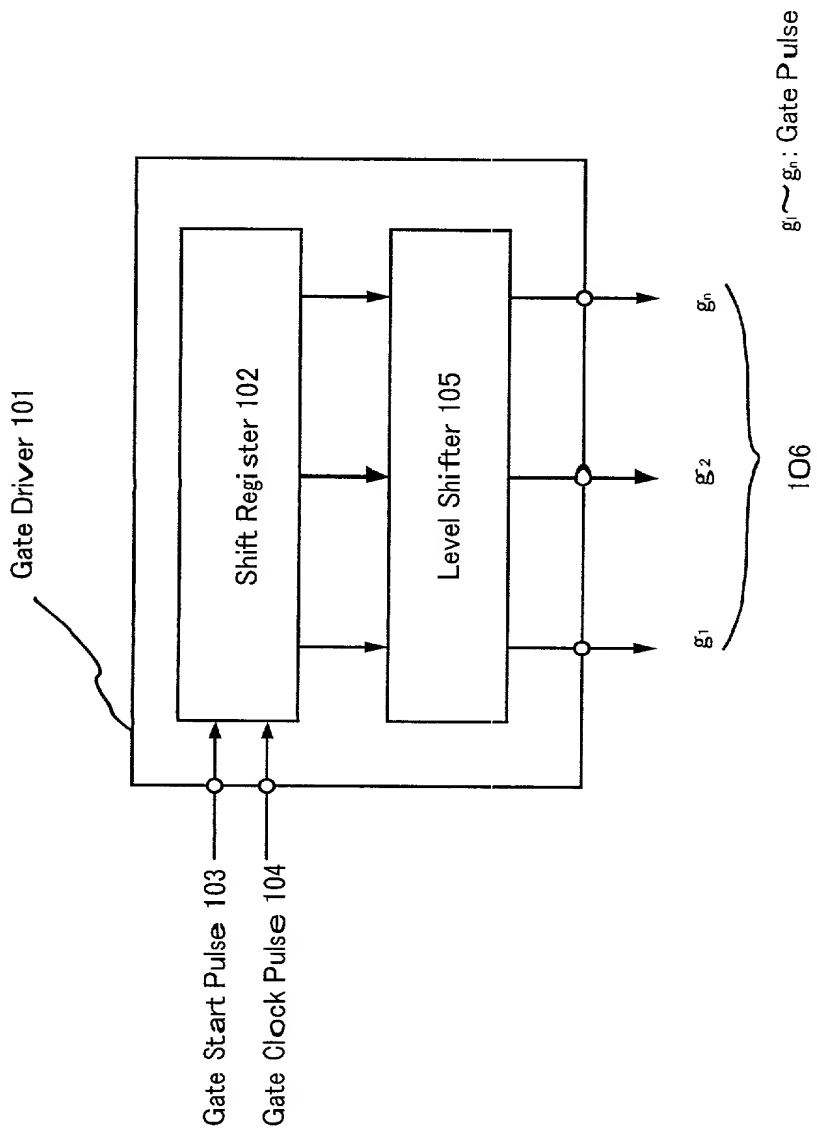


Fig. 3

100F50'03445860

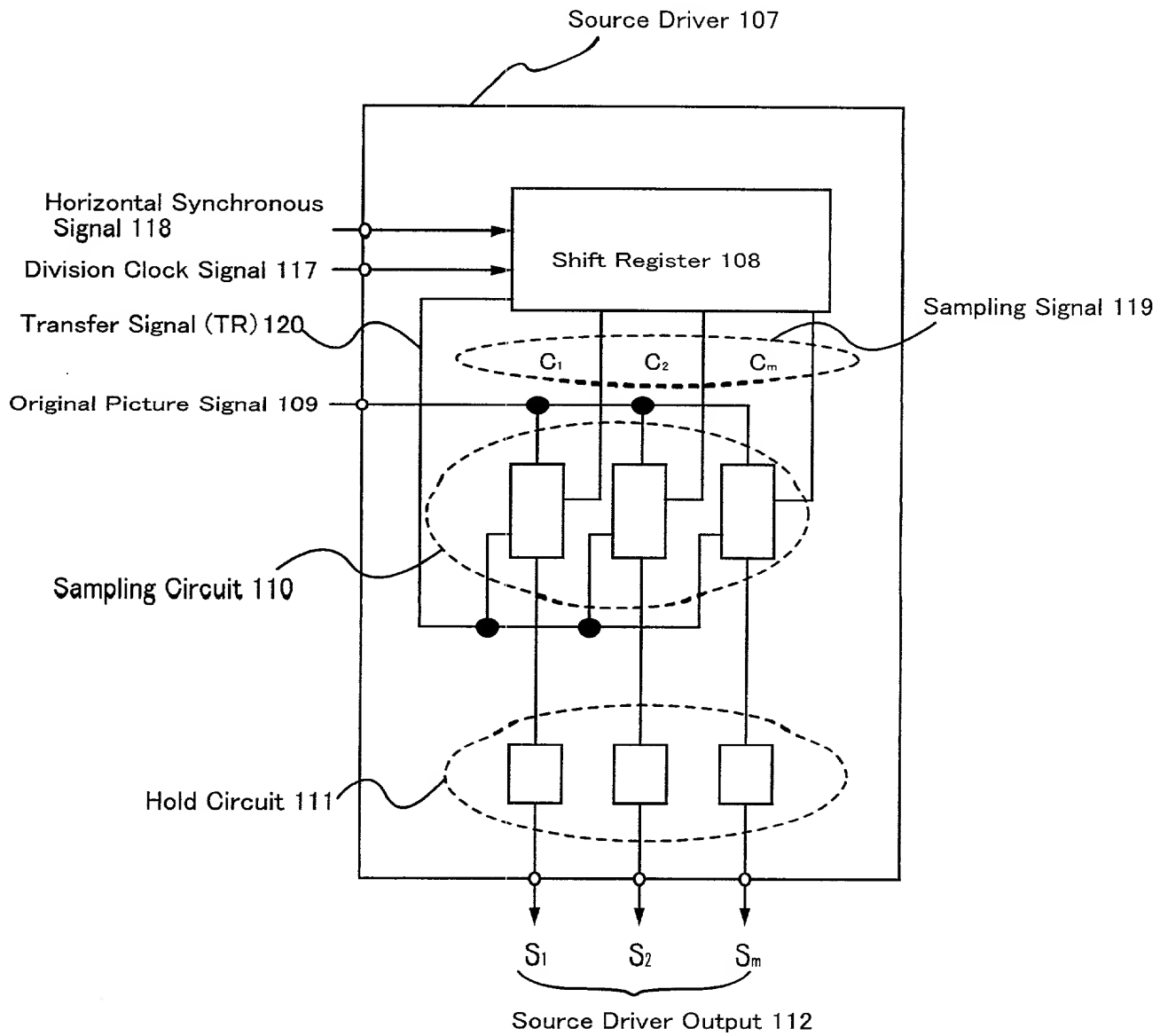


Fig. 4

0954.20.051004
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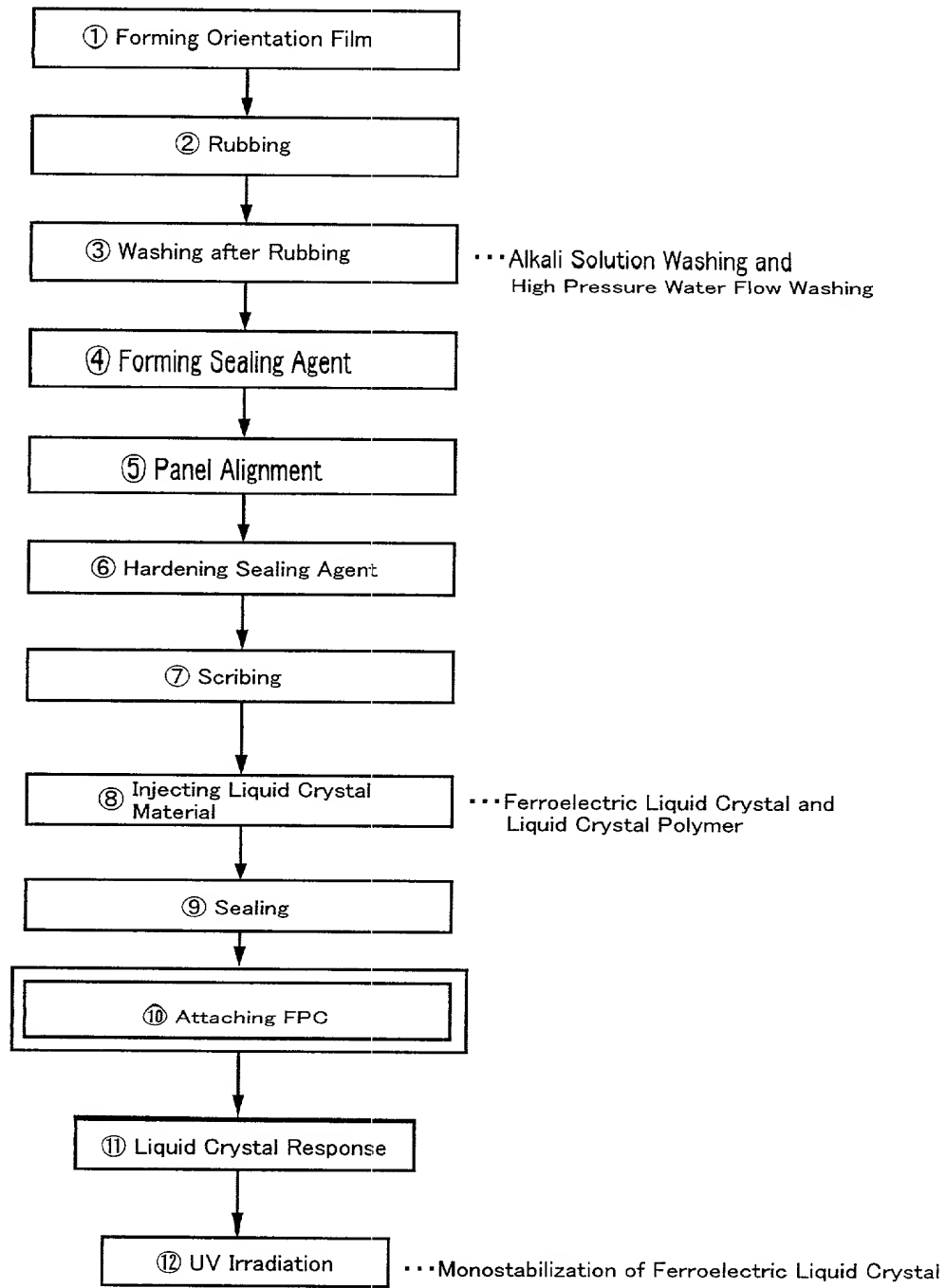


Fig. 5

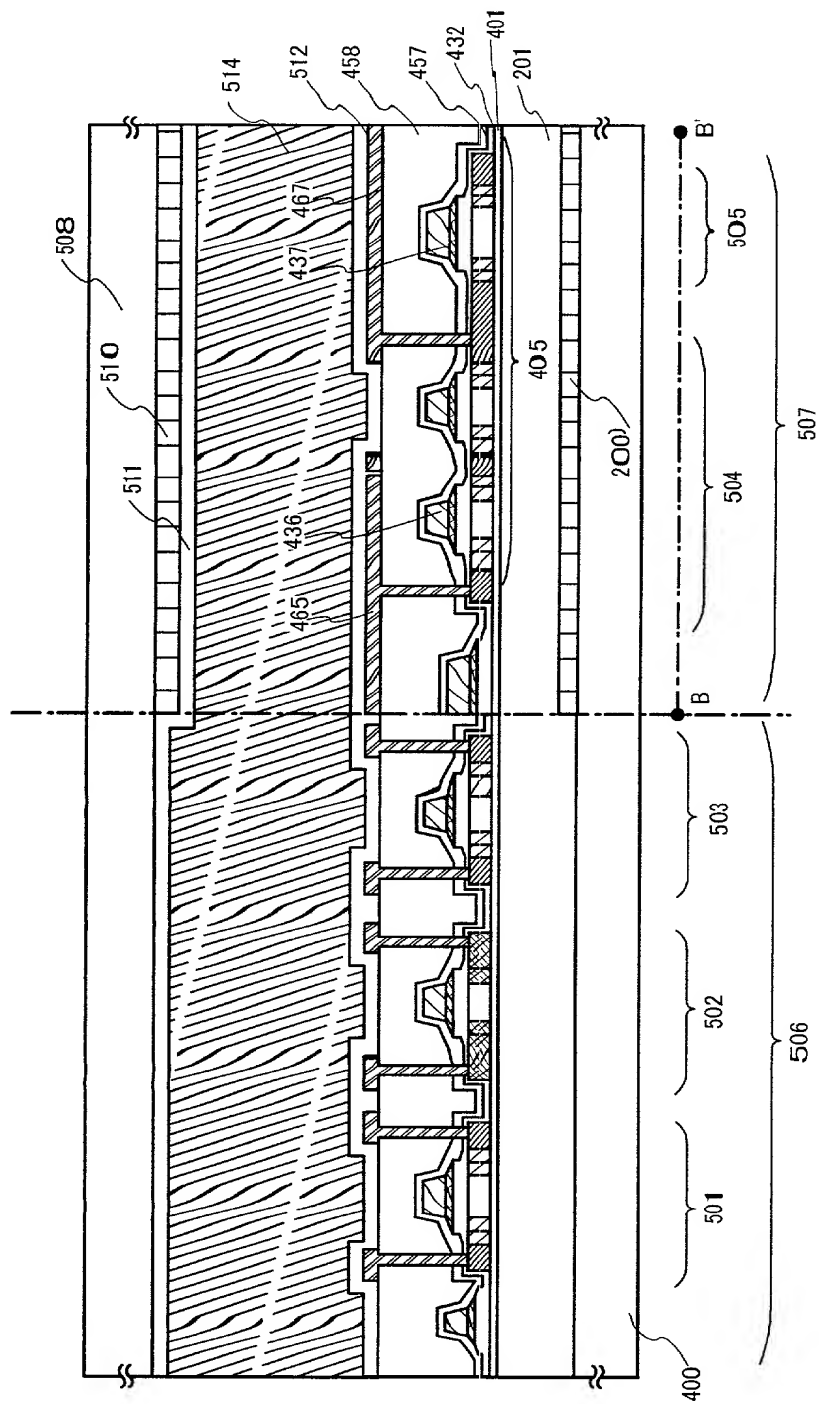


Fig. 7

09854120.001001

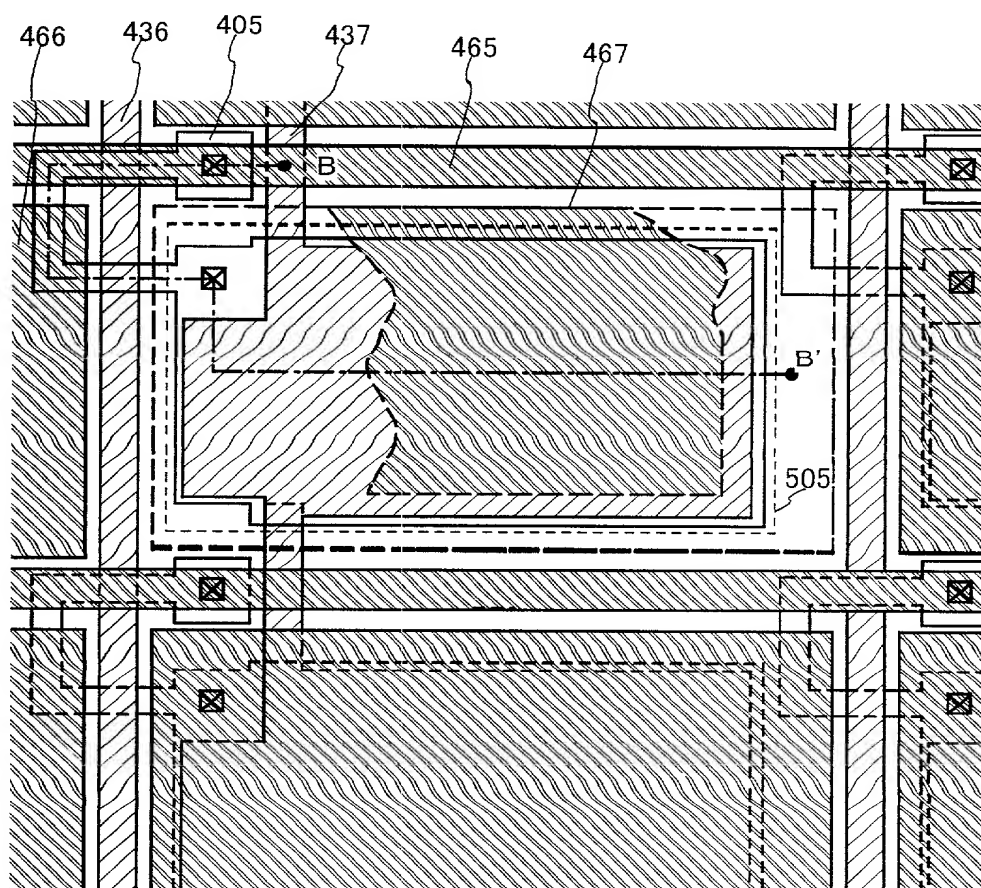


Fig. 8


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graph TD; A[① Forming Orientation Film] --> B[② Rubbing]; B --> C[③ Washing after Rubbing]; C --> D[④ Forming Sealing Agent]; D --> E[⑤ Panel Alignment]; E --> F[⑥ Hardening Sealing Agent]; F --> G[⑦ Scribing]; G --> H[⑧ Injecting Liquid Crystal Material]; H --> I[⑨ Sealing]; I --> J[⑩ Attaching FPC]; J --> K[⑪ Liquid Crystal Response]; K --> L[⑫ Applying Direct Voltage, UV Irradiation];
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① Forming Orientation Film

② Rubbing

③ Washing after Rubbing

④ Forming Sealing Agent

⑤ Panel Alignment

⑥ Hardening Sealing Agent

⑦ Scribing

⑧ Injecting Liquid Crystal Material

⑨ Sealing

⑩ Attaching FPC

⑪ Liquid Crystal Response

⑫ Applying Direct Voltage, UV Irradiation

...Alkali Solution Washing and High Pressure Water Flow Washing

...Ferroelectric Liquid Crystal and Liquid Crystal Polymer

...Monostabilization of Ferroelectric Liquid Crystal and Hardening Sealing Agent

Fig. 9

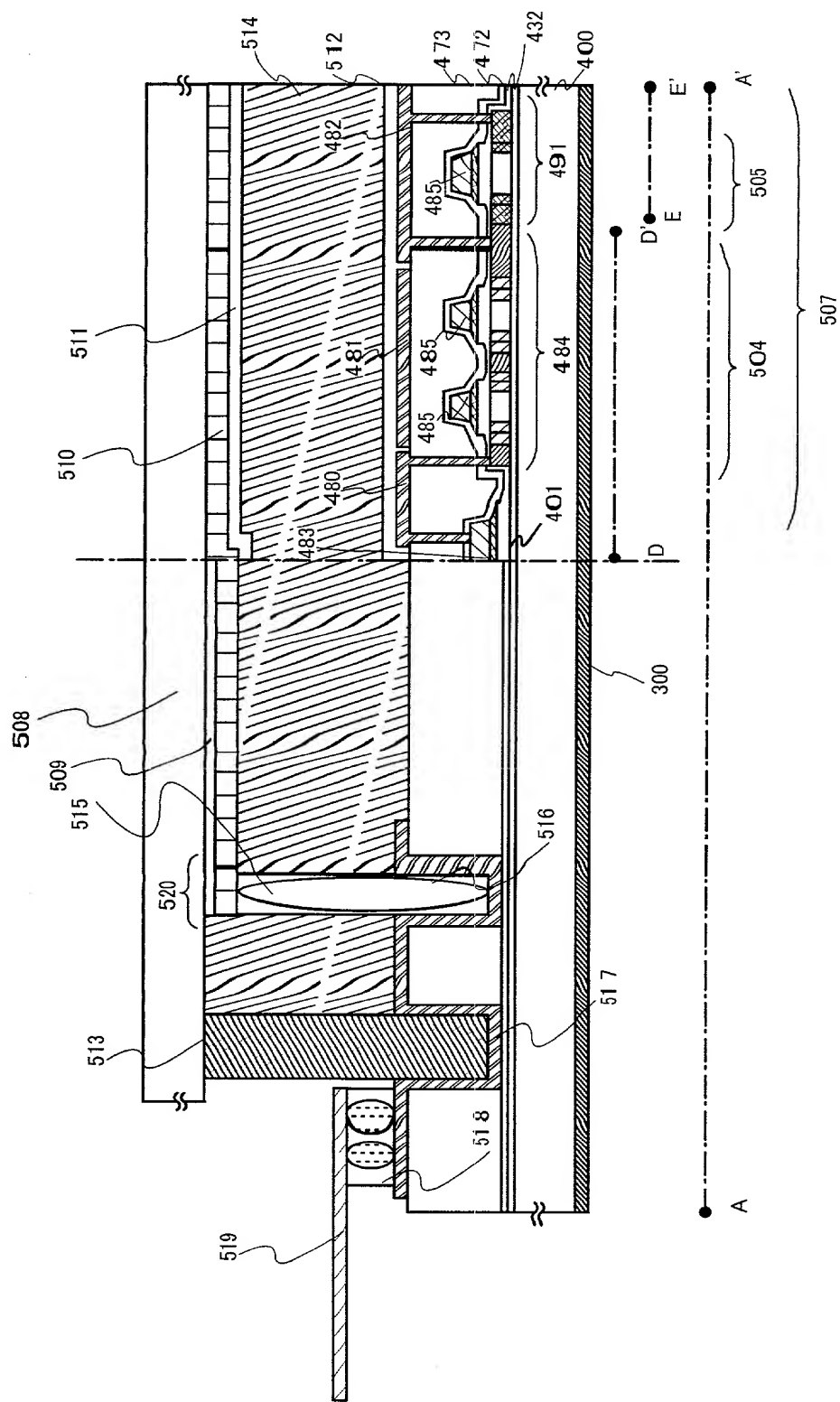


Fig. 10

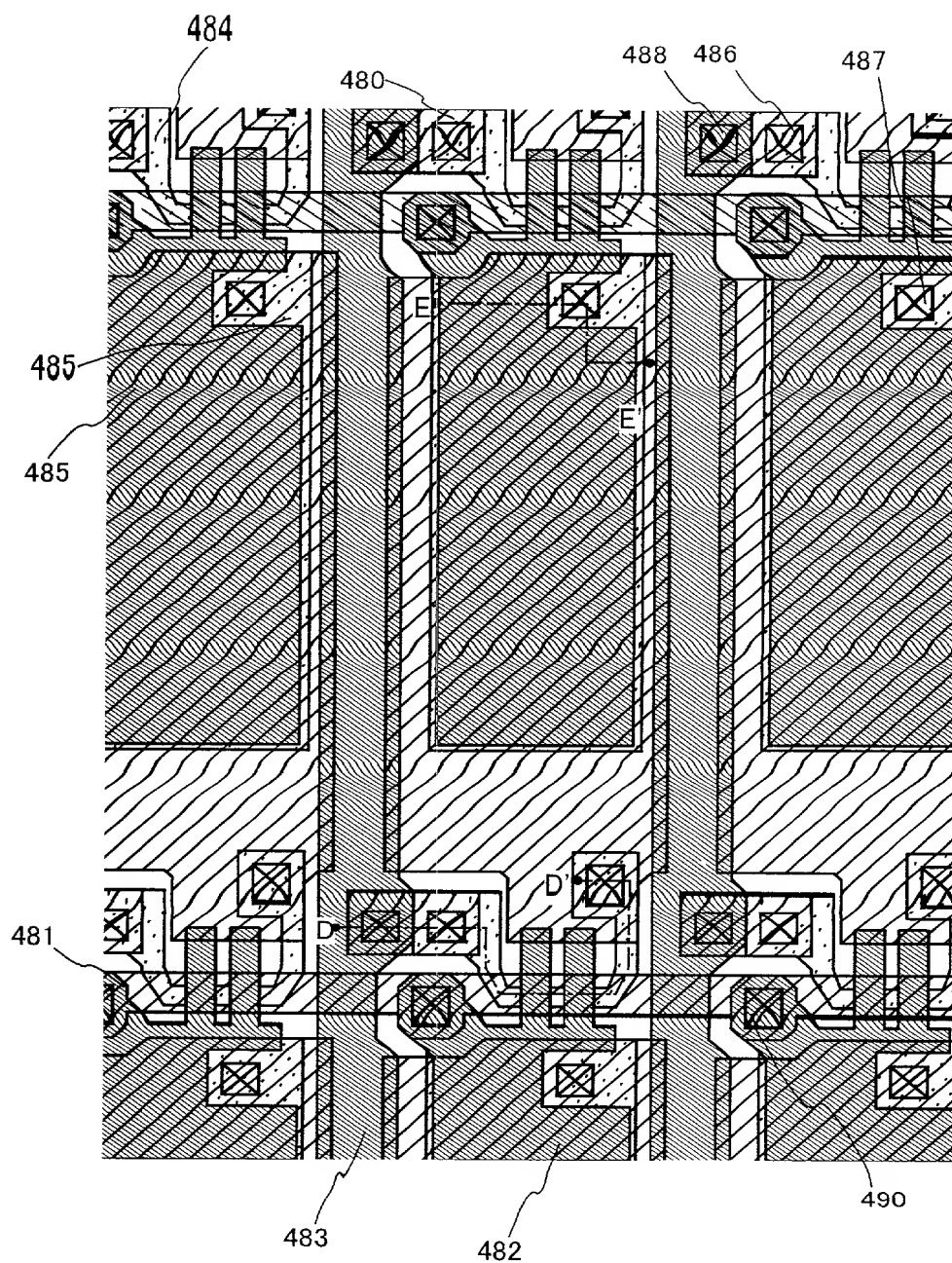


Fig. 12

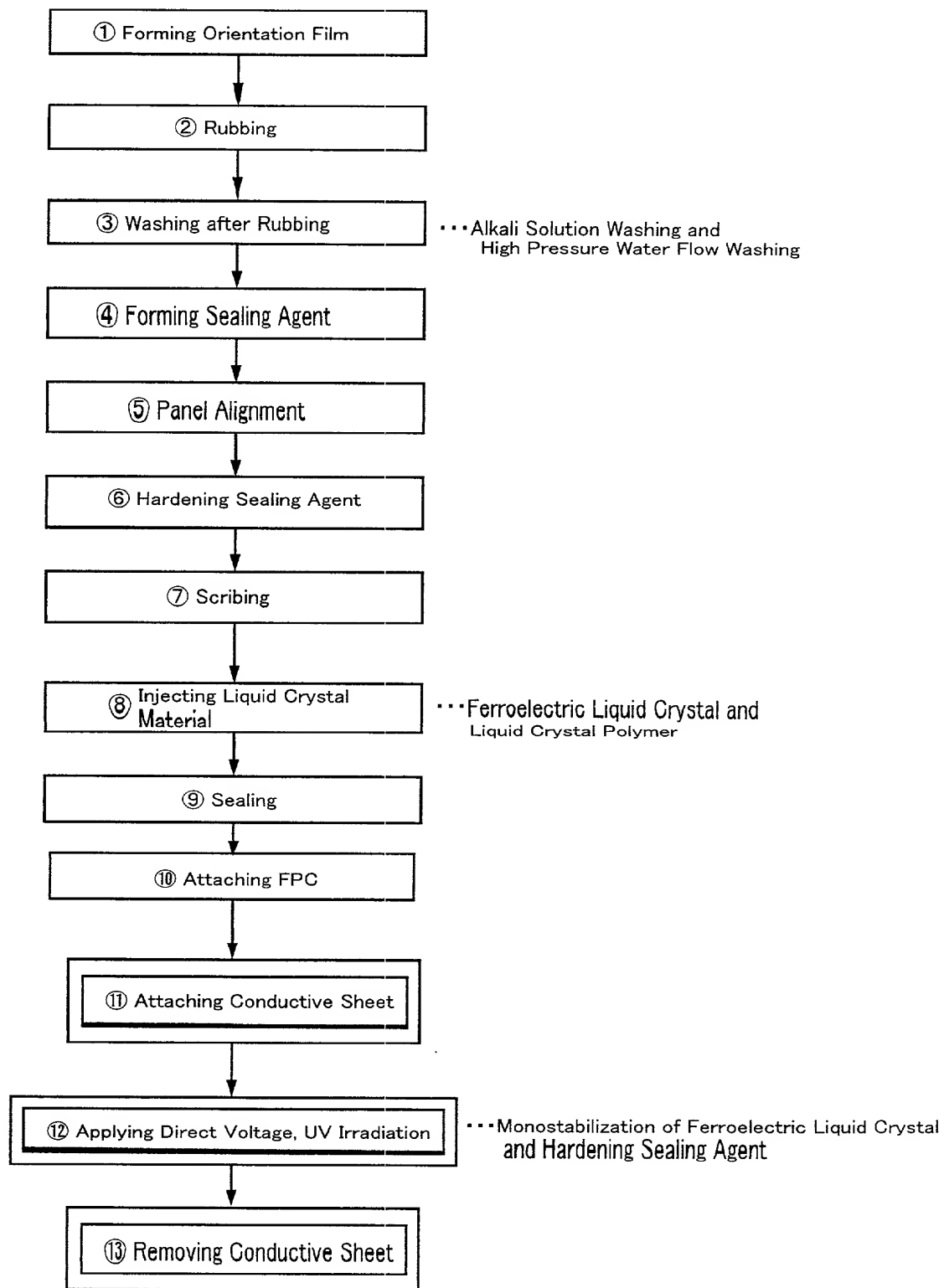


Fig. 13

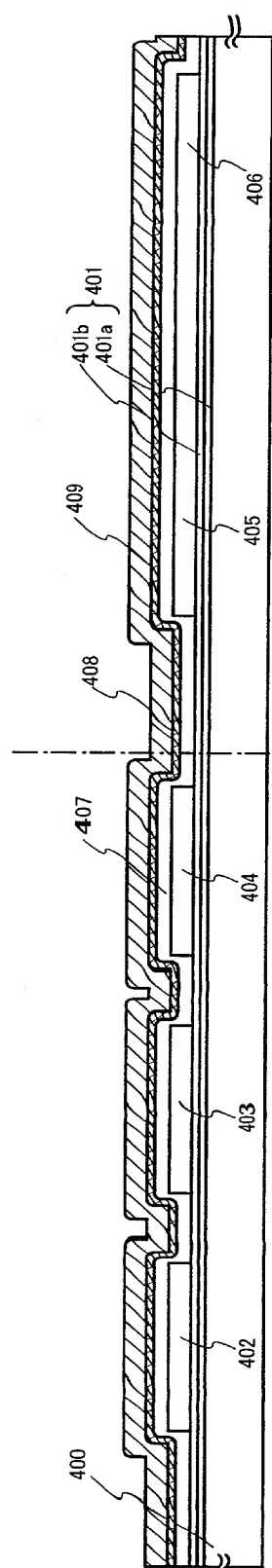


Fig. 15A

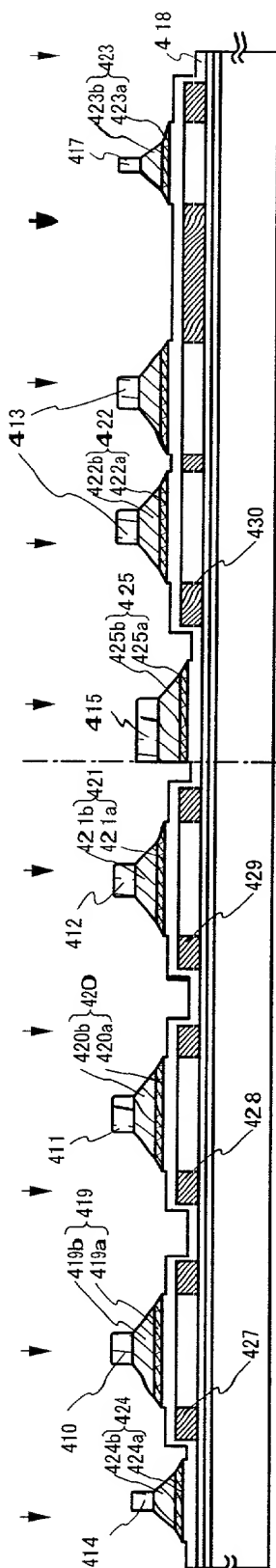


Fig. 15B

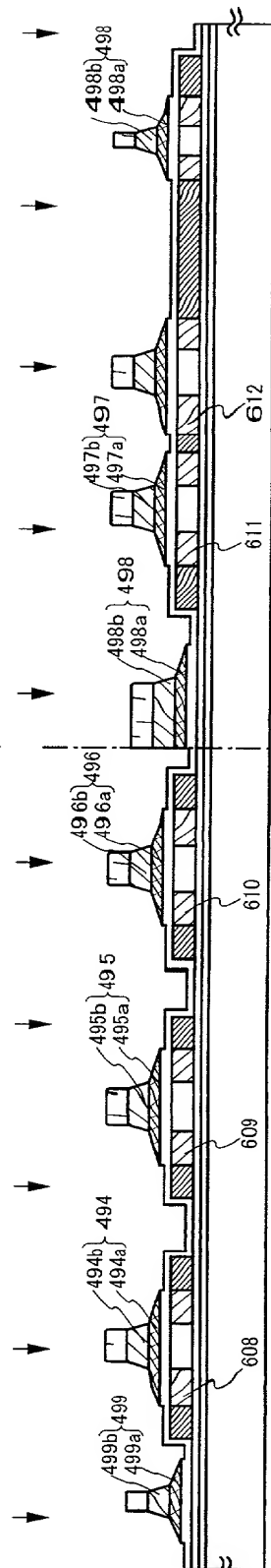


Fig. 15C

Driving Circuit Portion ← → Pixel Portion

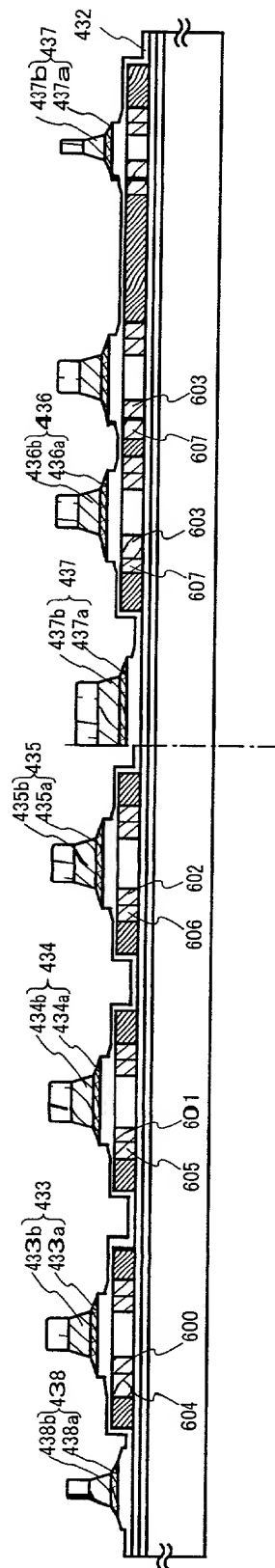


Fig. 16A

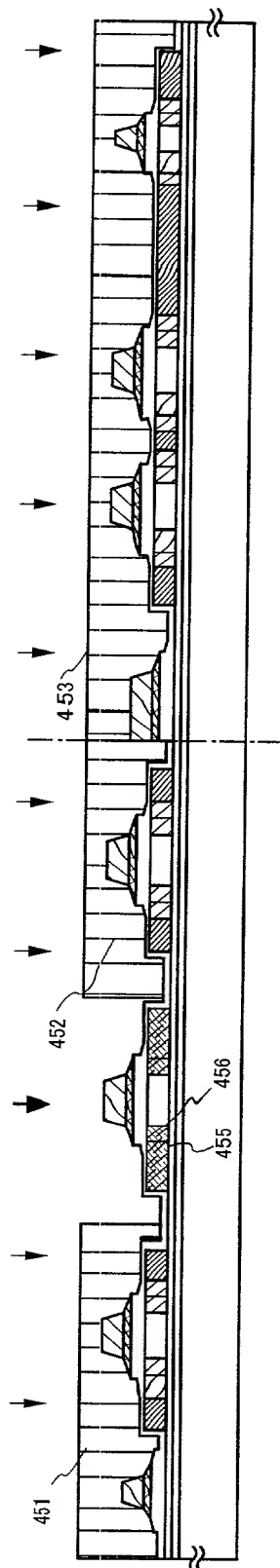


Fig. 16B

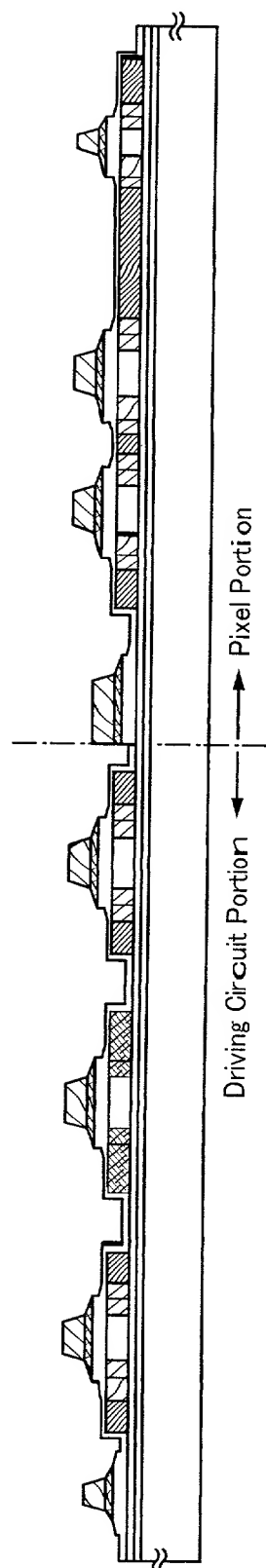


Fig. 16C

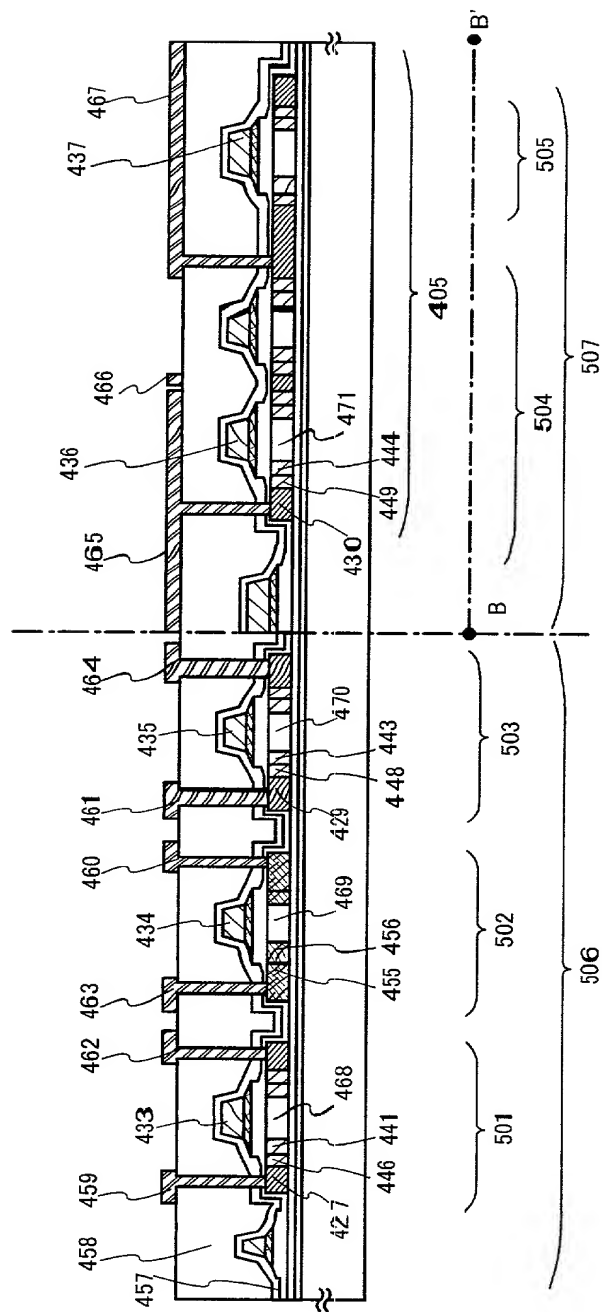


Fig. 17

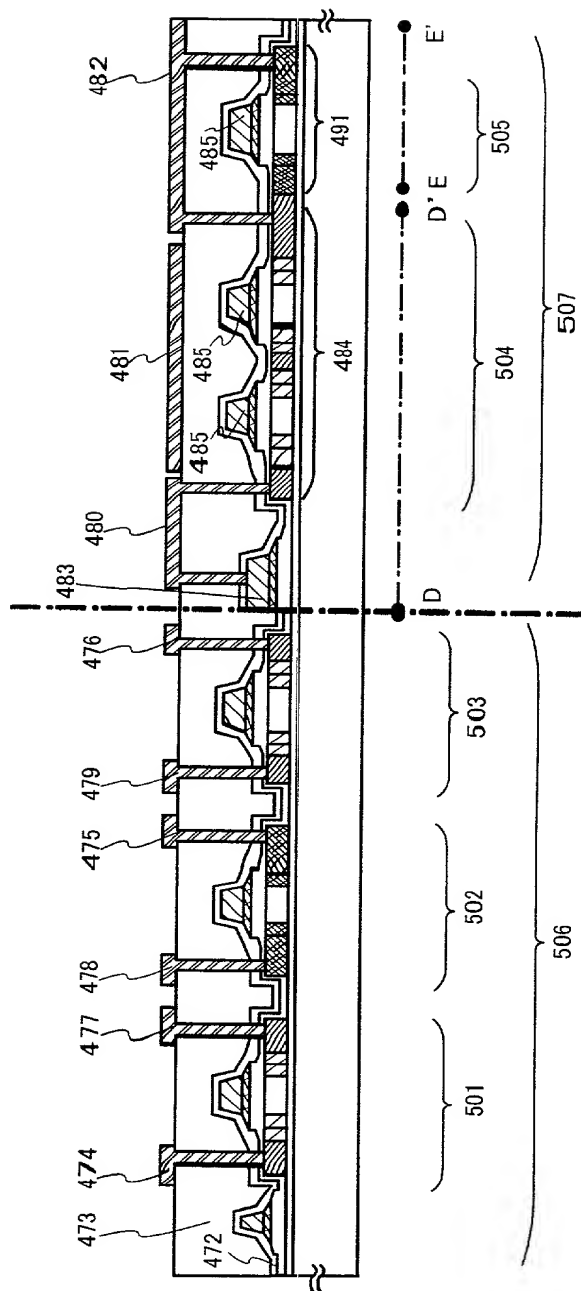


Fig. 18

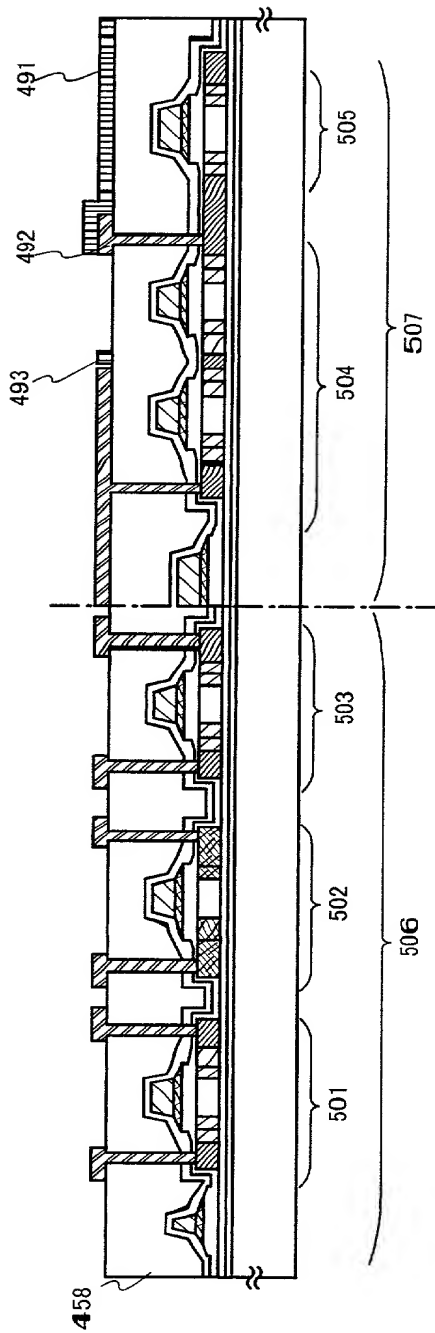


Fig. 19A

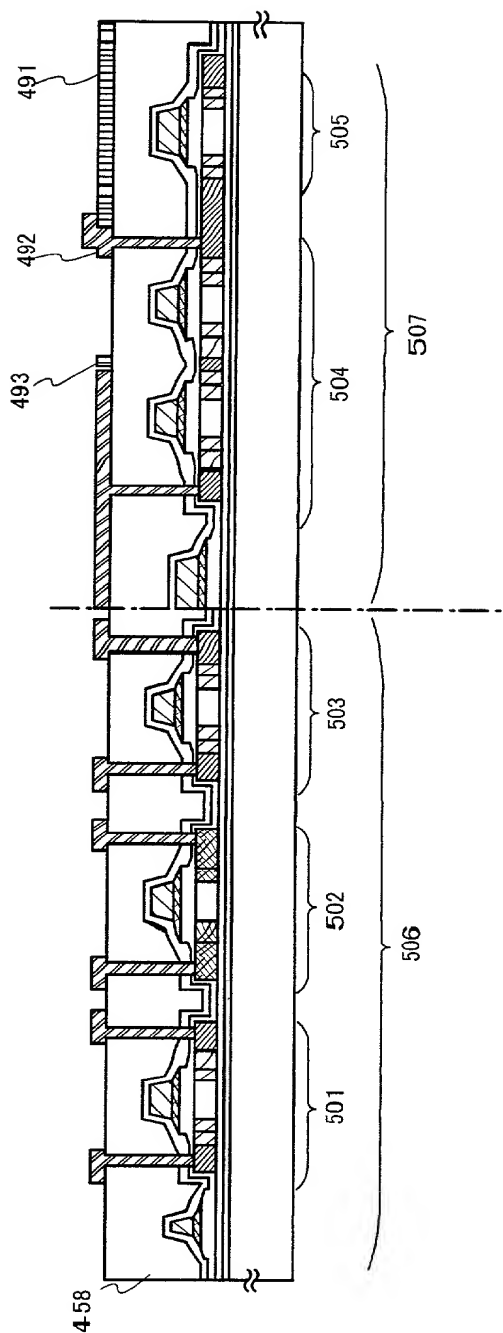


Fig. 19B

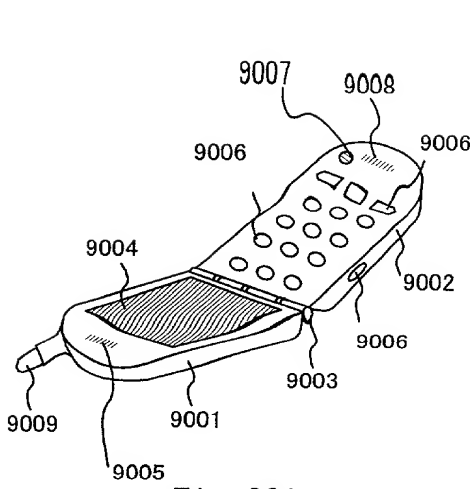


Fig. 20A

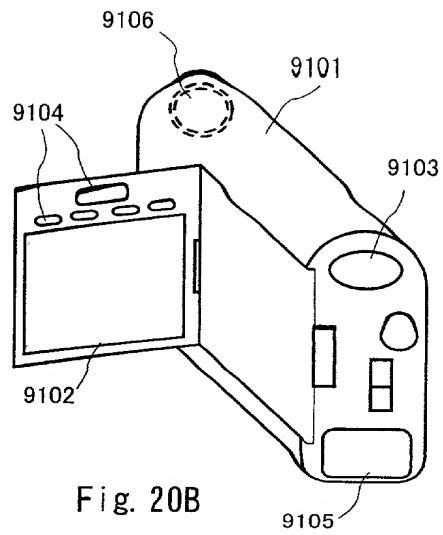


Fig. 20B

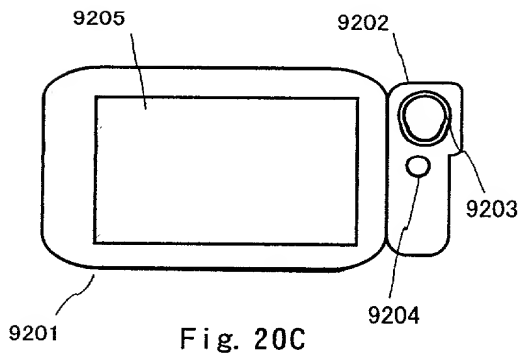


Fig. 20C

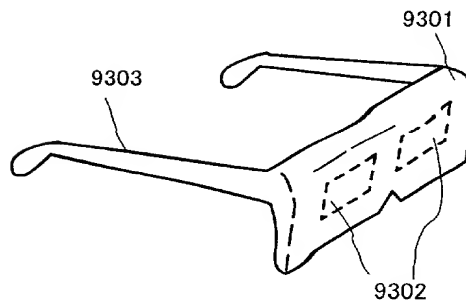


Fig. 20D

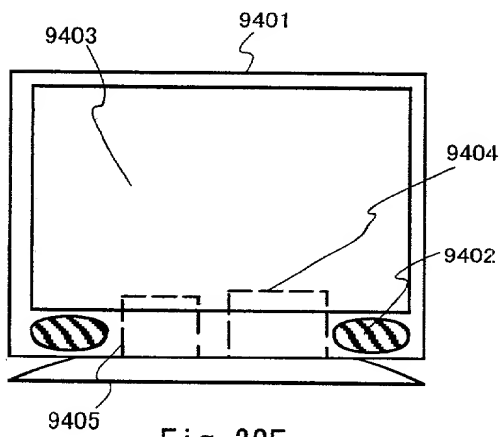


Fig. 20E

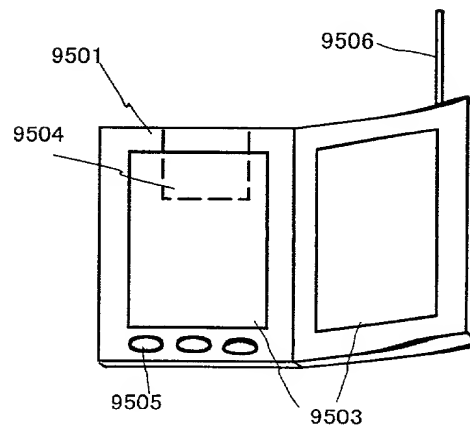


Fig. 20F

7100150 0245860

Fig. 21A

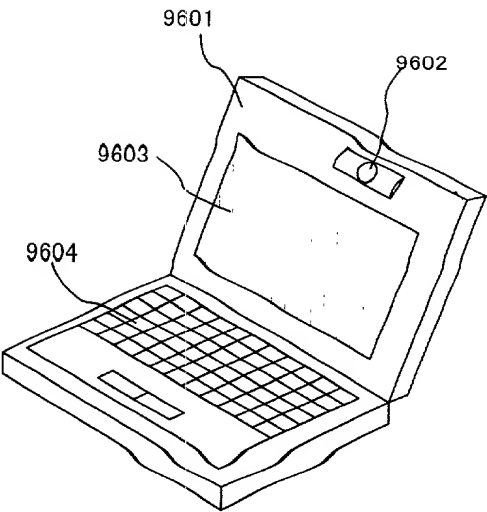


Fig. 21B

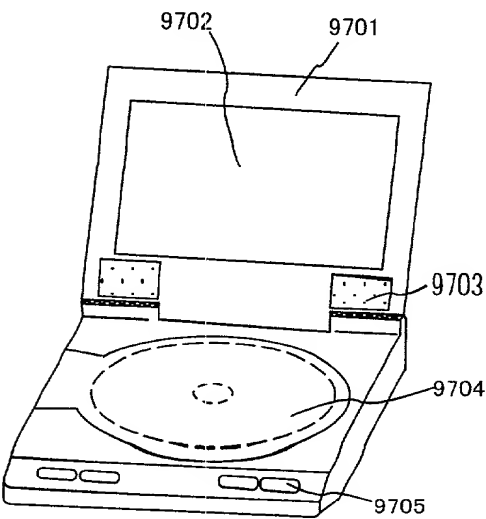
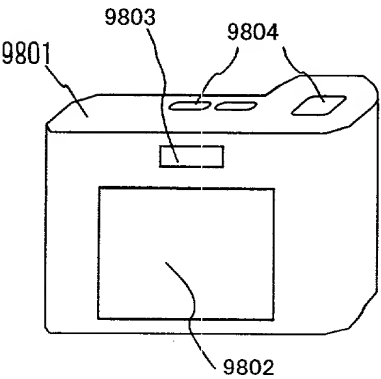


Fig. 21C



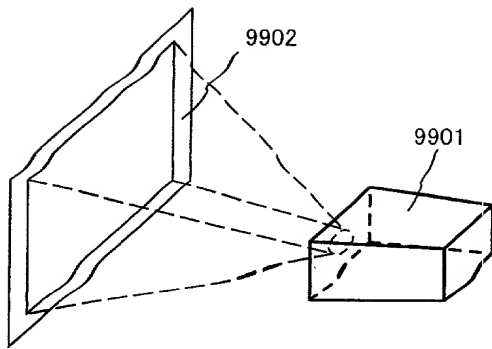


Fig. 22A

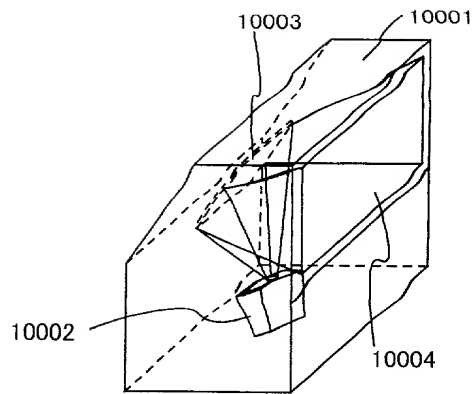


Fig. 22B

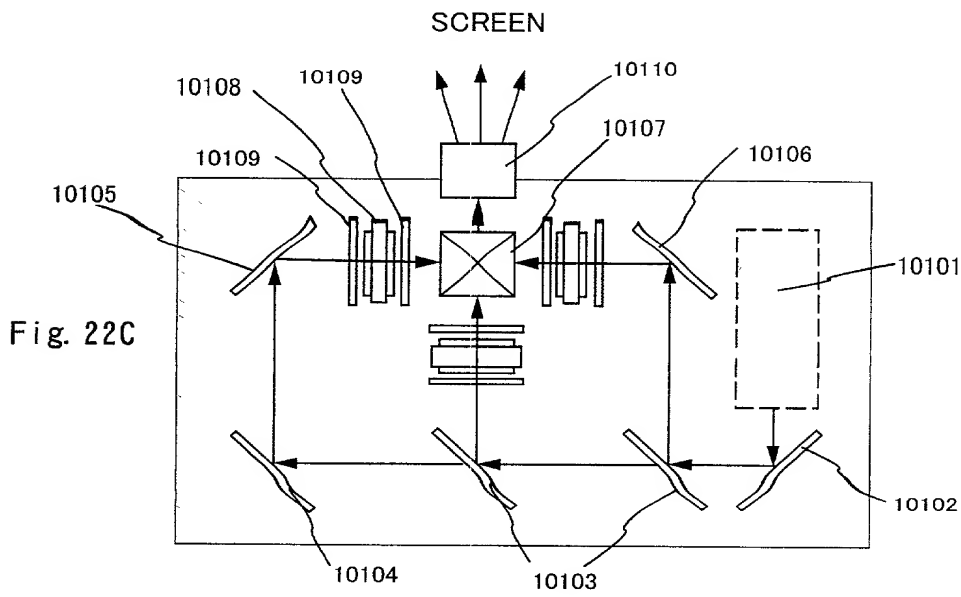


Fig. 22C

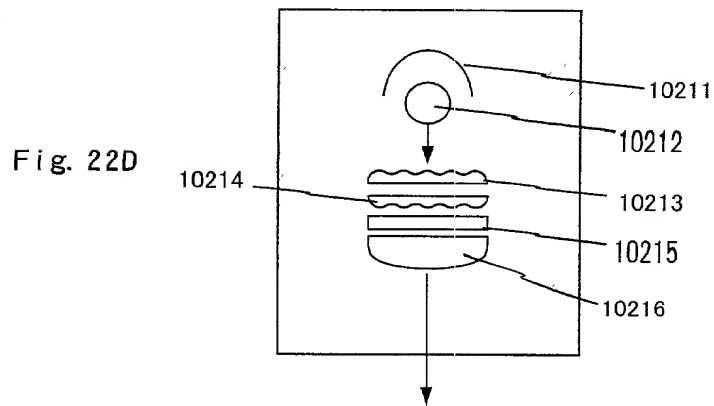


Fig. 22D

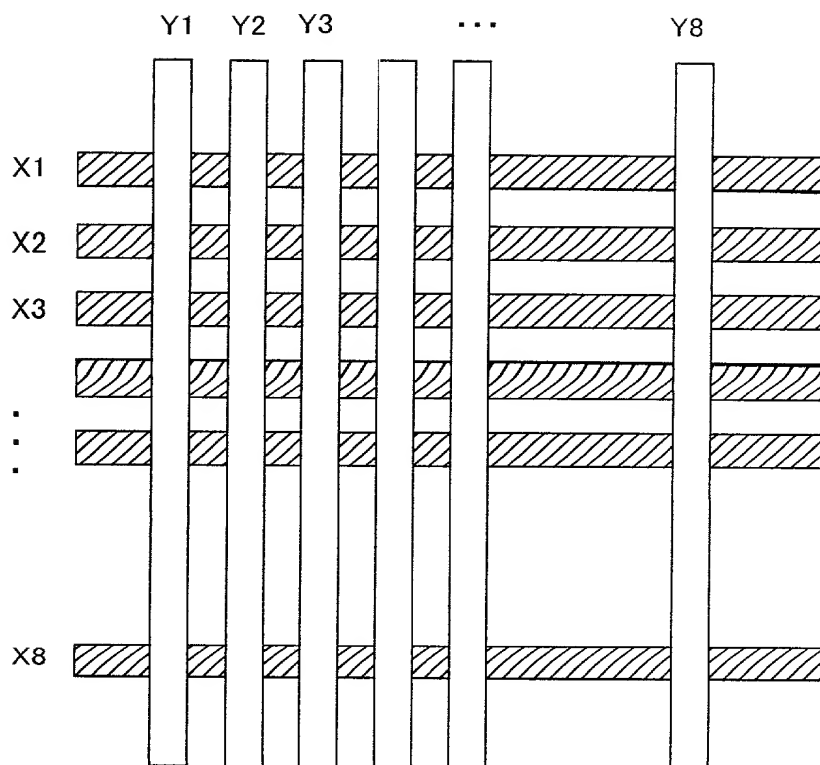


Fig. 23

019254120.061.001
1001520" 021452610

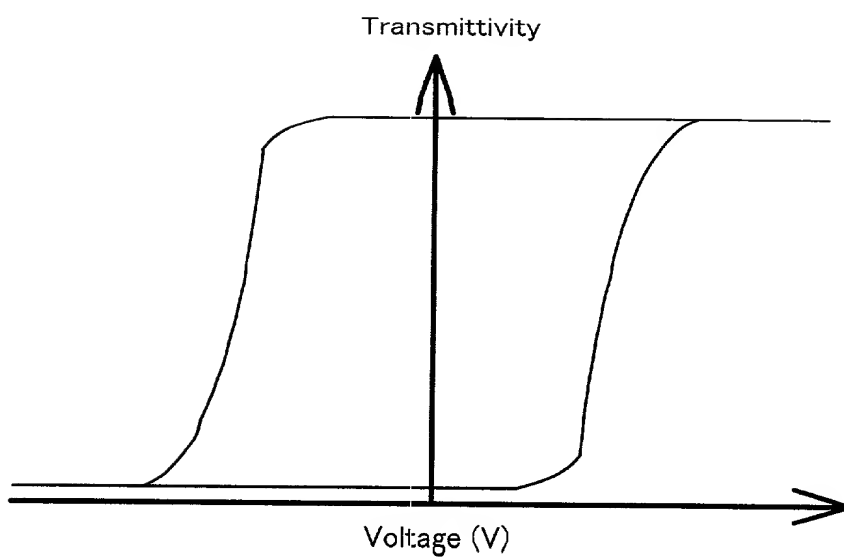


Fig. 24A

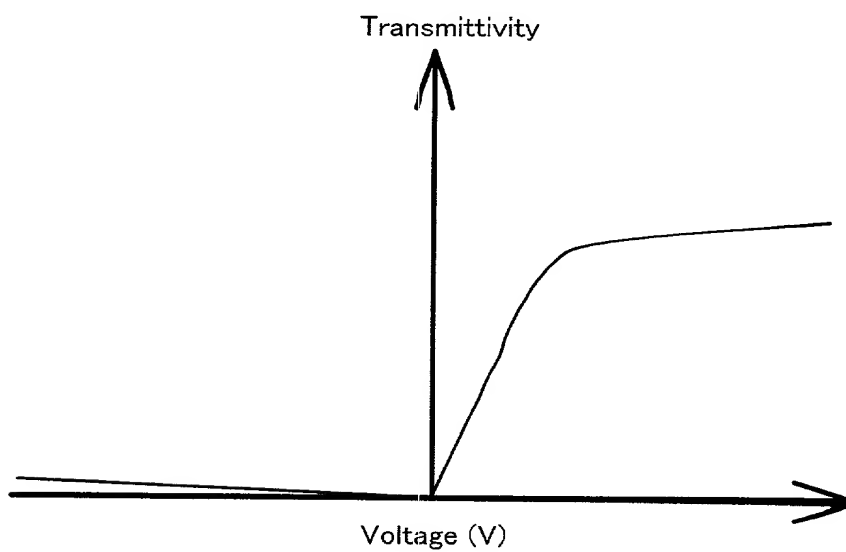


Fig. 24B

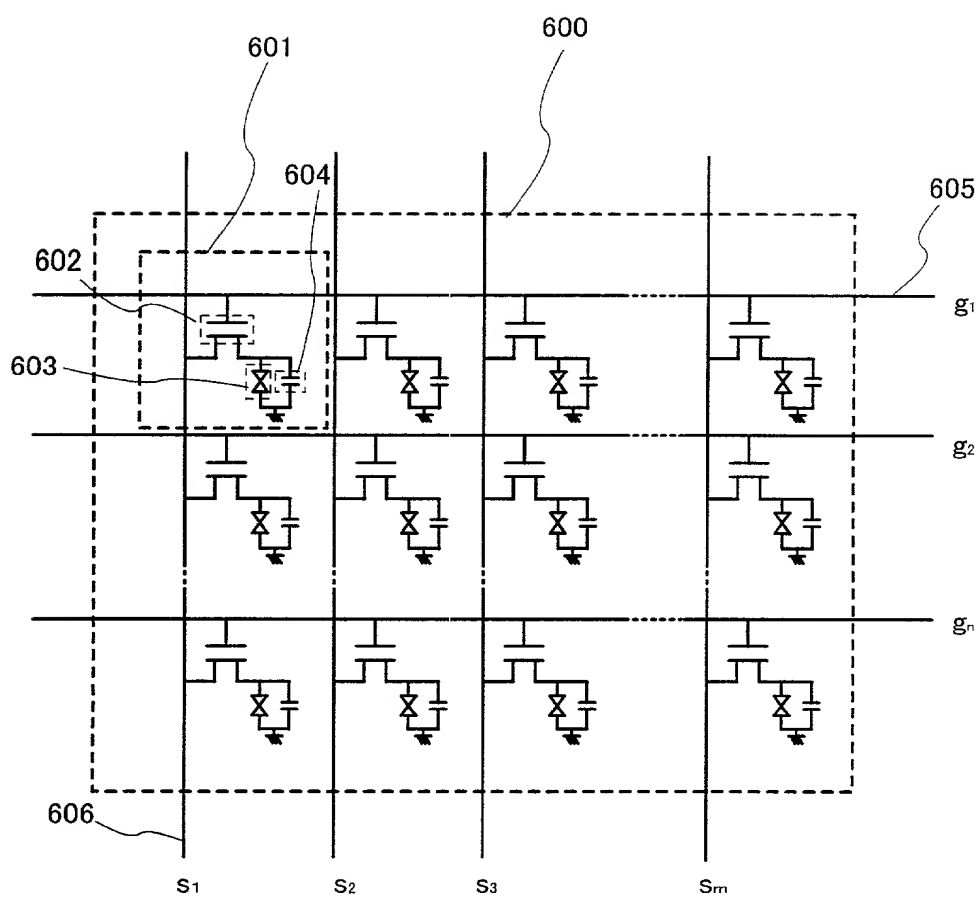


Fig. 25